

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Yasunori SUZUKI, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: LINEAR POWER AMPLIFICATION METHOD AND LINEAR POWER AMPLIFIER

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

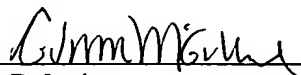
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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MAIER & NEUSTADT, P.C.

  
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DOCKET NO: 246359US8

Sheet   1   of   1  

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**STATEMENT OF RELEVANCY**

**Reference AR on Form PTO- 1449:**

This reference is discussed in the specification.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 246359US8		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yasunori SUZUKI, et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AI	2 335 812	09/29/99	Great Britian			
	AJ	11-17462	01/22/99	Japan (with English Abstract)			x
	AK	7-7333	01/10/95	Japan (with English Abstract)			x
	AL	10-327209	12/08/98	Japan (with English Abstract)			x
	AM	2002-64340	02/28/02	Japan (with English Abstract)			x
	AN	2002-57533	02/22/02	Japan (with English Abstract)			x
	AO						
	AP						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AQ	Henri GIRARD, et al., "A New Baseband Linearizer for More Efficient Utilization of Earth Station Amplifiers Used for QPSK Transmission", IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol. SAC-1, No. 1, January 1983, pgs. 46-56					
	AR	Toshio NOJIMA, et al., "Predistortion Nonlinear Compensator for Microwave SSB-AM System", TRANSACTIONS OF IEICE OF JAPAN, Vol. J67-B, No. 1, January 1984, pgs. 78-85					
	AS	Lars SUNDSTROEM, et al., "Quantization Analysis and Design of a Digital Predistortion Linearizer for RF Power Amplifiers", IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, Vol. 45, No. 4, November 1996, pgs. 707-719					
	AT	Yasuyuki OISHI, et al., "Highly Efficient Power Amplifier for IMT-2000 BTS Equipment", FUJITSU SCI. TECH. J., Vol. 38, No. 2, December 2002, pgs. 201-208					
	AU	Toshio NOJIMA, et al., "Cuber Predistortion Linearizer for Relay Equipment in 800 MHz Band Land Mobile Telephone System, IEEE TRANSACTION ON VEHICULAR TECHNOLOGY, Vol. VT-34, No. 4, November 1985, pgs. 169-177					
	AV	Tri. T HA, "Solid-State Microwave Amplifier Design: Chapter 6- Signal Distortion Characterizations and Microwave Power Combining Techniques", GTE INTERNATIONAL SYSTEMS CORPORATION (KRIEGER PUBLISHING COMPANY, MALABAR, FLORIDA) 1991, 202-283					
	AW	J. A. HIGGINS, et al., "Analysis and Improvement of Intermodulation Distortion in GaAs Power FET's", IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, Vol. MTT-28, No. 1, January 1980, pgs. 9-17					
	AX						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							